

Please type a plus sign (+) inside this box → Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

*(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))*

Attorney Docket No. 017.38083X00

First Inventor or Application Identifier Hemant MADAN

Title See 1 in Addendum

Express Mail Label No. \_\_\_\_\_

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Specification [Total Pages **31**]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets **12**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
*(for continuation/divisional with Box 16 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
4. Oath or Declaration [Total Pages ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
*(for continuation/divisional with Box 16 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

**\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES: A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27). EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. § 3.73(b) Statement  Power of  
*(when there is an assignee)*  Attorney
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
  - \* Small Entity Statement(s)  Status still proper and desired  
(PTO/SB/09-12)
  - Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
13.  Other: .....  
.....  
.....

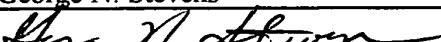
**16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:**
 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For **CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		020457 <i>(Insert Customer No. or Attach bar code label here)</i>	or <input type="checkbox"/> Correspondence address below	
Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	George N. Stevens	Registration No. (Attorney/Agent)	36,938
Signature			Date March 21, 2000

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# FEE TRANSMITTAL

## for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$816.00)

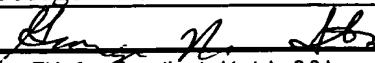
## Complete if Known

Application Number	March 21, 2000
Filing Date	Hemant MADAN
First Named Inventor	
Examiner Name	
Group / Art Unit	
Attorney Docket No.	017.38083X00

JC625 U.S. PRO  
09/531534  
03/21/00

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name Antonelli et al.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td>0.00</td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td>0.00</td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td>0.00</td></tr> <tr><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>0.00</td></tr> <tr><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr> <tr><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>0.00</td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td>0.00</td></tr> <tr><td>116</td><td>380</td><td>Extension for reply within second month</td><td>0.00</td></tr> <tr><td>117</td><td>870</td><td>Extension for reply within third month</td><td>0.00</td></tr> <tr><td>118</td><td>1,360</td><td>Extension for reply within fourth month</td><td>0.00</td></tr> <tr><td>128</td><td>1,850</td><td>Extension for reply within fifth month</td><td>0.00</td></tr> <tr><td>119</td><td>300</td><td>Notice of Appeal</td><td>0.00</td></tr> <tr><td>120</td><td>300</td><td>Filing a brief in support of an appeal</td><td>0.00</td></tr> <tr><td>121</td><td>260</td><td>Request for oral hearing</td><td>0.00</td></tr> <tr><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>0.00</td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td>0.00</td></tr> <tr><td>141</td><td>1,210</td><td>Petition to revive - unintentional</td><td>0.00</td></tr> <tr><td>142</td><td>1,210</td><td>Utility issue fee (or reissue)</td><td>0.00</td></tr> <tr><td>143</td><td>430</td><td>Design issue fee</td><td>0.00</td></tr> <tr><td>144</td><td>580</td><td>Plant issue fee</td><td>0.00</td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>0.00</td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>0.00</td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>0.00</td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr> <tr><td>146</td><td>760</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr> <tr><td>149</td><td>760</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$690.00)</td> <td colspan="4">SUBTOTAL (3) (\$0.00)</td> </tr> <tr> <td colspan="4"> <p>2. 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## SUBMITTED BY

Name (Print/Type)	George N. Stevens	Registration No. (Attorney/Agent)	36,938	Telephone	(703) 312-6600	Complete (if applicable)
Signature				Date	March 21, 2000	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Attachment to PTO/SB/05 (4/98) Utility Patent Application  
Transmittal

1. SYSTEM AND METHOD FOR DELIVERY AND UPDATING OF REAL-TIME DATA